

## JSC SHIPPING DOCUMENT

1. Originator (Name, Org. Code, Phone) 2. Date Prepared  
JD Roberts, EA2, 281-461-5109 10/13/06

## Location of Item(s):

3. Building Room 4. Contact and Phone  
421 Bond Alfredo Cavallo, 281-483-0287

## 5. Status of Items

☐ Transfer to Other NASA Center ☐ GFP To Contractor  
☒ Test and Return ☐ Loan (Number) \_\_\_\_\_  
☐ Replacement or Credit ☐ Vendor Owned  
☐ Relocation ☐ Repair and Return  
☐ For Flight/Return ☐ Other NASA Ctr. Property

JF 1027 No.: N/A

## 6. Shipping Information (Check One)

☒ Prepaid ☐ Vendor Pickup  
☐ Collect ☐ Hand Carry  
☐ Government Funds (Cite #s) ☐ Third Party Billing

## 7. Shipment in Direct Support of:

☐ Shuttle STS: \_\_\_\_\_ ☒ Other, Please Explain  
☐ Space Station Mission: \_\_\_\_\_ For Assy & Test

## 8. QUALITY CONTROL INFORMATION (Check Each)

☐ Flight/Mission Essential ☐ Non-Flight  
☒ GSE ☐ Other

YES NO

## 9. Materials Classified (Define Block 25)

X

## 10. Data Package Enclosed?

X

## 11. APPROVAL - Typed Name and Signature

DATE

## Division Chief

JE3ee

JE3ee

Contracting Officer

## Quality Assurance Representative

10/14/06

Direct Program Manager

Other

## 12. From:

NASALyndon B. Johnson Space Center  
Transportation Officer, Bldg. 421  
2101 NASA Road 1  
Houston, Texas 77058

(For Return Shipments to JSC, include Voucher number from block 16)

## 13. Ship To

LABORATORIO SERMS

Via Pentima Bassa 21, 05100

Terri (TR)

Italy

14. Date Required at Destination Is 290A Used?  
10/19/06 NO16. Authority Or Purpose  
AMS-02 Project

18. Signature Supply and Equipment Management Officer

10-17-06

15. Voucher Number  
J6-286-006

17. Contract/Grant/Order Number

19. TON (Tracking Control Number)  
0113-20720. Date Shipped  
10/18/06

21. Mode of Shipment

ELITE AIRFREIGHT

22. Bill of Lading

NJS07-00, 990

23. Appropriation/Funding Data

24. Project Code

Mark For/Phone Number: Bruna Bertucci, phone: +39.0744.49.29.13 or +39.0744.49.29.11

## 25. Remarks

Item listed are Class GSE. Temporary shipment of items for assembly of scientific instruments, provided under collaborative agreement between NASA and the destination institute. Expected return of items assembled in a higher assembly is due in December 2007.

26. Item No.

27. Equipment Confirml No.

28. Model/Stock/Part Number

29. Item Description, Serial No., Manufacturer No., Lot No., License Plate No., Class of Hardware

30. Unit of Issue

31. Qty.

32. Price

33. Total Value

1

SEG38118909-302

Z VCTF Sling, S/N/L/N N/A, Class GSE

ea

1

1,115.00

1115.00

2

NAS1352-6-24

Screw, Cap, Socket Hd, Lot #981102A

ea

23

22.50

517.50

3

NAS1352-8-48

Screw, Cap, Socket Hd, Lot #000314-11B

ea

23

26.50

609.50

4

NAS1352-8-60

Screw, Cap, Socket Hd, Lot #000531-8A

ea

23

37.50

862.50

34. Recapitulation of Shipment (spaced below to be completed by logistics division only)

Issued By

Remove ECN Tag? ☐ Yes ☐ No

Description

Total Weight

Total Cube

Quantities Recd

36. Sheet Total

35. Receipt Info

Containers Recd

37. Grand Total

38. Receiving Voucher No.

Recd By

39.17-06

10-17-06

10-17-06

MW

22 x 20 x 24

100

6.1

3,104.50

3,104.50

Packed By

Sam

Screws / Slings

100

6.1

3,104.50

3,104.50

ORIGINAL

290 WITH RETURN SHIPMENT

# Requirements for Packaging, Handling, and Transportation for Aeronautical and Space Systems, Equipment, and Associated Components

1. Are there any special documented requirements addressing special handling, packaging, and shipping that needs to be attached to the packing list for this item(s)? A copy of the information is to be attached and specified in block 25 of the 290 prior to submitting. ☐ Yes ☒ No
2. Does the item(s) identified on the 290 require clean room isolation? If yes, identify what cleanliness level (GC, VC, UV-VC, and types of Precision cleaned 100A, 200A, etc.) and specify the requirement document (e.g., SN-C-0005, D683-10450-1, other). If not a NASA document, a copy must be attached to the 290. ☐ Yes ☒ No

3. Is the item(s) identified on the 290 "Electrostatic Discharge" (ESD) sensitive?  
IS THE HARDWARE PACKAGED CORRECTLY FOR ESD SENSITIVITY? ☐ Yes ☒ No
4. Does the item(s) identified on the 290 contain any hazardous chemicals or materials? If yes, identify the type of chemicals or materials and provide the Material Safety Data Sheet for each item. ☐ Yes ☒ No

- a. Does the item(s) listed contain any explosive or pyrotechnic material? If yes, provide the classification and net weight of each item. ☐ Yes ☒ No

- b. Does the item(s) contain batteries. If yes, identify the type of battery? ☐ Yes ☒ No

- c. If the item(s) contains Lithium-Ion, Lithium Metal or Lithium Alloy, provide the total Lithium content or Lithium-equivalent per battery (grams). ☐ Yes ☒ No

- d. Does the item contain any radioactive materials? (This includes any hazardous radioactive material embedded in the item). If yes, provide a completed JSC Form 1625, "Radioactive Material Transfer Receipt." Ensure the item(s) are identified with the radiation symbols and clearly mark with the label(s) as shown in question 10. ☐ Yes ☒ No

- e. Does the item(s) contain any compressed pressure systems (e.g. cylinders)? If yes, identify the types of fluid or gas contained in the system and if gas, what is the pressure. ☐ Yes ☒ No

- f. Does the item contain any biological specimens? If yes, please identify, describe, and add the MSDS telling what to do in case of a spill, puncture, or rupture? ☐ Yes ☒ No

5. Does the item(s) require any special temperature or humidity control in its handling, packaging, or shipping? If yes, please identify and provide the following information in Fahrenheit: ☐ Yes ☒ No

Minimum temperature:  
Maximum temperature:

Minimum humidity:  
Maximum humidity:

**Requirements for Packaging, Handling, and Transportation for Aeronautical and Space Systems, Equipment, and Associated Components**

6. Are the item(s) perishable? If yes, identify, describe:

☐ Yes ☒ No

7. Does this item(s) require protection from exposure to the elements? If yes, identify. Be sure to change the "revision date" of this form.

☐ Yes ☒ No

8. Does this item(s) require special monitoring equipment (e.g. shock, humidity, vibration, or temperature sensors)? If yes, identify the type and duration of monitoring required?


☐ Yes ☒ No

9. Does this item(s) require any unique labeling and if yes, please check/verify appropriate label(s) to be used:

☐ Yes ☒ No

- ☐ NASA CRITICAL SPACE ITEM: HANDLE WITH CARE
- ☐ DELICATE INSTRUMENT: HANDLE WITH CARE
- ☐ THIS END UP
- ☐ FRAGILE LIQUID IN GLASS: HANDLE WITH CARE
- ☐ FRAGILE LIQUID IN PLASTIC: DO NOT CUT
- ☐ PERISHABLE RUSH
- ☐ FRAGILE
- ☐ SMALL PARTS ENCLOSED
- ☐ ELECTROSTATIC DISCHARGE CONTROL REQUIREMENTS
- ☐ CLEANLINESS
- ☐ DO NOT X-RAY
- ☐ LIMITED SHELF LIFE ITEMS - PROCESS IMMEDIATELY
- ☐ CONTROLLED ENVIRONMENT
- ☐ BIOLOGICAL SPECIMENS
- ☐ TEMPERATURE/HUMIDITY
- ☐ RADIOACTIVE MATERIAL
- ☐ CONTAINS HIGH PRESSURE
- ☐ DO NOT FREEZE
- ☐ OTHER

PPF-13-640  
PPF-13-26  
PPF-13-28  
PPF-13-250  
PPF-13-45  
PPF-13-781  
NASA label  
DellGate Instr label  
Small parts label

|               |           |   |             |              |                   |
|---------------|-----------|---|-------------|--------------|-------------------|
| Printed Name  | Mail Code | Signed Name   | Date Signed | Phone Number | Cell Phone Number |
| J. D. Roberts | JB-3EA    |  | 10/13/06    | 281-483-3296 |                   |

# 989/C NJ507-00, XXXX

Export Tracking Number: FA2-06-286-001

Shipper:

Transportation Officer, 1137  
NASA Johnson Space Center  
Houston, Texas 77058  
(281-483-6512)

License Number:

Intermediate Consignee (when required):

UNIVERSITA' DEGLI STUDI DI PERUGIA  
LABORATORIO SFRMS  
Via Pentima Bassa 21, 05100  
Terni (TR)  
Italy

JSC Voucher Number:

Destination (include phone contact):

139.0744.49.29.13  
139.0744.585.27.22

These items are exported from the United States for ultimate destination ITALY in accordance with the Export Administration Regulations. Diversion, retransfer, disclosure, or use contrary to applications specified in NASA agreement without prior written U.S. authorization are prohibited.

| Item | Qty | Detailed Description  | NASA Tag and/or Serial/Stock Number | Manufacturer Country of Origin | * Weight (kgs) | ECCN/USML CAT | License/Exemption/Exception | Schedule B No. (see census.gov) | Sched. B City | Unit Value | Total Cost |
|------|-----|---|-------------------------------------|--------------------------------|----------------|---------------|-----------------------------|---------------------------------|---------------|------------|------------|
| 1    | 1   | Z VCTF Sling S/N/L/N N/A, Class GSE, Class GSE                              | NONE                                | JS - USA                       |                | EAR99         | NLR                         |                                 |               | \$1,115.00 | \$1,115.00 |
| 2    | 23  | NAS1352-6-24, SCREW, CAP, SOCKET HEAD .3750-16 UNRC-3A X 1.500 L, Class GSE | NONE                                | KIL Fasteners - USA            |                | EAR99         | NLR                         |                                 |               | \$22.50    | \$517.50   |
| 3    | 23  | NAS1352-8-48, SCREW, CAP, SOCKET HEAD .5000-13 UNRC-3A X 3.000 L, Class GSE | NONE                                | KIL Fasteners - USA            |                | EAR99         | NLR                         |                                 |               | \$26.50    | \$609.50   |
| 4    | 23  | NAS1352-8-60, SCREW, CAP, SOCKET HEAD .5000-13 UNRC-3A X 3.750 L, Class GSE | NONE                                | KIL Fasteners - USA            |                | EAR99         | NLR                         |                                 |               | \$37.50    | \$862.50   |
|      |     | TEMPORARY EXPORT  |                                     |                                |                |               |                             |                                 |               |            |            |
|      |     | ITEMS PACKED IN ONE MULTI-MAIL CONTAINER                                    |                                     |                                |                |               |                             |                                 |               |            |            |
|      |     | "NO SED REQUIRED, FTSR SECTION 30.54(B)"                                    |                                     |                                |                |               |                             |                                 |               |            |            |

Total All Sheets: \$3,104.50

Scientific Management Specialist

Date

STLVIA M. HANAGRIFF

Title is not a sale, value shown is for Customs purposes only.

Notes:

1. This form must be completed for all exports.
2. Shipments to Russia require invoice transaction by initiator.

Date of Request 10/13/06

## Johnson Space Center Export Control Request and Approval Worksheet

Reference Number

EA2-06-386-01

Directions: At least 90 days prior to exporting hardware, software or data to a foreign national, submit this form to your Export Control Representative

### SECTION 1 (complete for all exports)

Date of Export: 10/17/06

Requested by: Phil Mott

Org/Company: EAI / Jacobs Sverdrup

Phone Number: (281) 461-5712

Email: philip.mott@escg.jacobs.com

Fax: (281) 461-5926

General description of export (spell out acronyms)

Lifting Sling and Screws

Is this a temporary export? ☒ Yes ☒ No If yes, when will it be returned? 12/01/07

What requirement or agreement do we have with the foreign national to provide this export? JSC28792, Rev. D

For what purpose it is being exported (what is the end-user?) Assemble with AMS-02 hardware for testing.

Contact: Bruna Bertucci

To whom is it being exported? (or attach ProForma invoice) LABORATORIO SERMS, Via Pentima Bassa 21, 05100, Terni (TR), Italy, tel: +39.0744.49.29.13

What program does this export support? Alpha Magnetic Spectrometer (AMS) - 02 Date denied parties/entities list checked: 10/13/06

Type of export (mark all that apply):

☒ Hardware ☐ Software ☐ Data ☐ Information via discussions

(If you checked hardware or software, please attach a completed Proforma Invoice - )

Method of export (mark all that apply):

☐ Discussion ☒ JSC Transportation Office ☐ Hand carry ☐ JSC Mail Room ☐ Electronic ☐ Other

### SECTION 2

Export Classification EAR99/NLR

Classification rationale

Lifting Sling and Screws are sent for assembly and to support testing. Classification per memo from NASA HQ/UM to JSC/OZ2, dated 3/28/02.  
Status of AMS compliance with U.S. Export Regulations.

### SECTION 3

#### Approvals

Stephen Lamkin

Export classifications of this shipment were determined by

Date

10/13/06

(281) 483-8264

Signature of Export Control Official (ECR or CEA)

Date

10/13/06

(281) 483-8264

Phone

ES T Approval (req'd for use of export license and license exemption/exception only) Date

Phone